

**APPENDIX**  
**Amended Claims**

33. A method for detecting a ligand within a test sample, comprising contacting a test sample with a polypeptide comprising a segment selected from the group consisting of:

- (a) amino acid residues 141 to 337 of SEQ ID NO:2; and
- (b) an amino acid sequence that is at least 90% identical to amino acid residues 141 to 337 of SEQ ID NO:2,

and detecting binding of said polypeptide to ligand in the sample.

34. A method according to claim 33 wherein said polypeptide comprises either amino acid residues 25 to 337 of SEQ ID NO:2 or amino acid residues 25 to 337 of SEQ ID NO:4.

35. A method according to claim 33 wherein said polypeptide further comprises a transmembrane domain and an intracellular domain

36. A method according to claim 35 wherein said polypeptide is membrane bound within a cultured cell, and said detecting step comprises measuring a biological response in said cultured cell.

37. A method according to claim 36 wherein said biological response is cell proliferation or activation of transcription of a reporter gene.

38. A method according to claim 33 wherein said polypeptide is immobilized on a solid support.